

Geographic Spread



South Carolina reported **local activity** this week. This is the **third** consecutive week at local activity.

Influenza Activity



Overall, there was **no change** in influenza activity this week.

Regional Influenza Activity



No change



No change



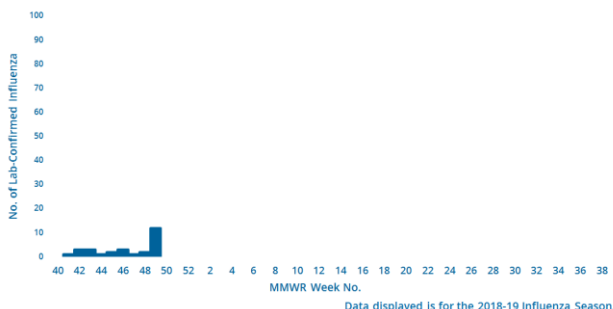
No change



No change

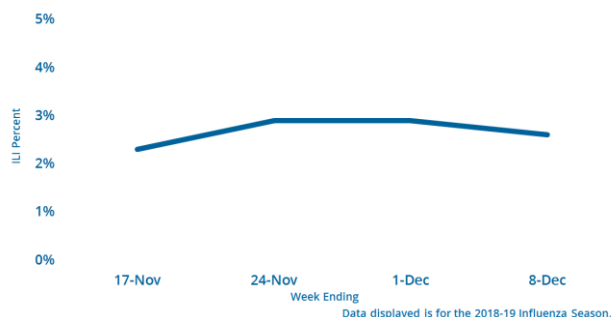
Virologic Surveillance

This week there were **12** lab-confirmed tests reported. Influenza A was most frequently reported. In the current flu season, there has been **28** lab-confirmed tests reported.



Influenza-Like Illness Surveillance

The percent of patient visits to sentinel providers for an influenza-like illness (ILI) was **2.66%**, which is below South Carolina's baseline (**3.53%**). The ILI activity level overall was **low**.



Influenza-Associated Hospitalizations

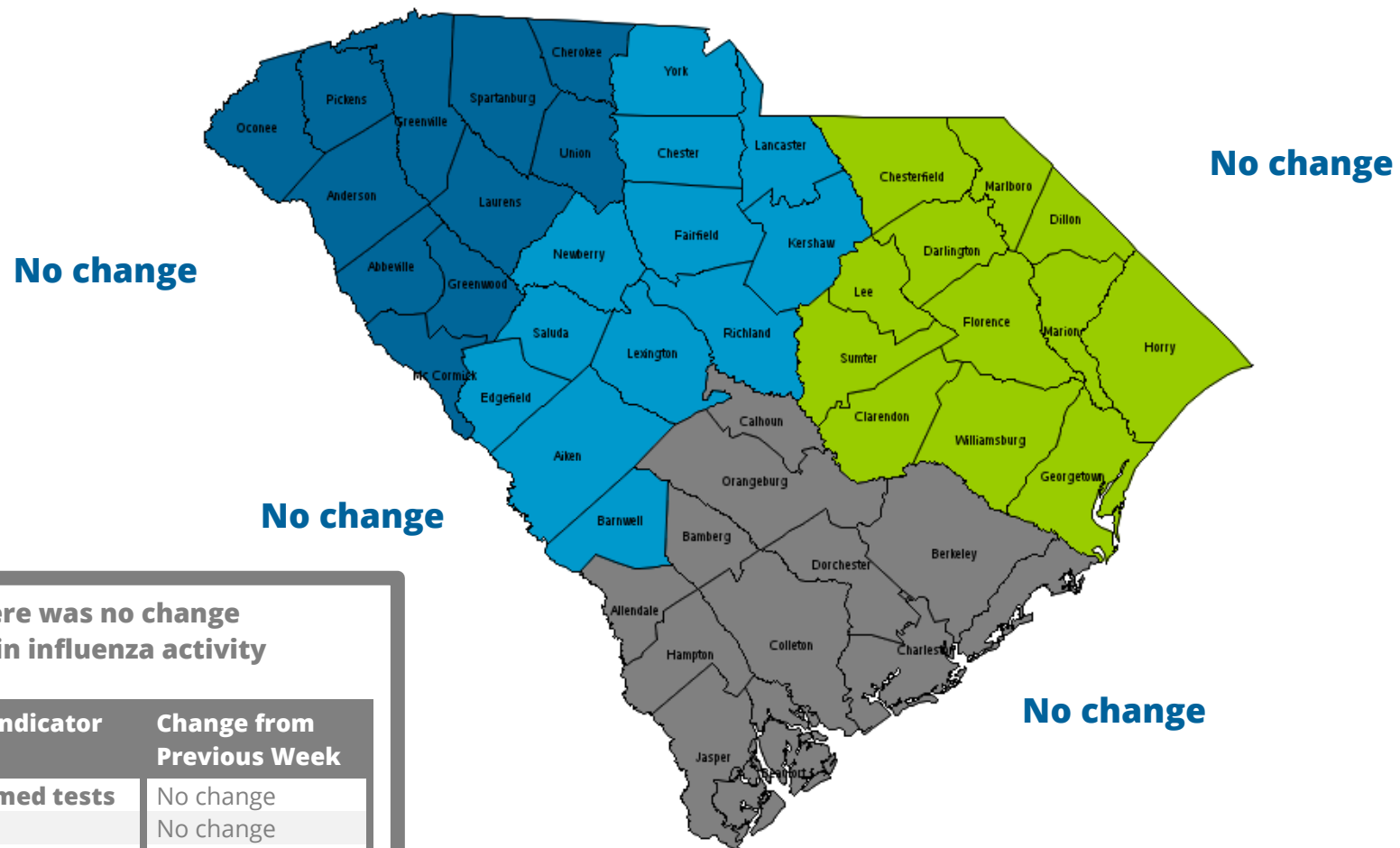
This week **16** influenza-associated hospitalizations were reported by **43** hospitals. The cumulative hospitalization rate is **2.8 per 100,000**. In the current flu season, there have been **142** influenza-associated hospitalizations.

Influenza-Associated Deaths

This week **1** influenza-associated death was reported; however, this death occurred in a previous week. The cumulative mortality rate is **0.1 per 100,000**. In the current flu season, there have been **7** influenza-associated deaths.

Influenza Activity*

In the 4 Public Health Regions, activity showed...



Overall there was no change statewide in influenza activity

Influenza Indicator	Change from Previous Week
Lab-confirmed tests	No change
ILI Percent	No change
Hospitalizations	No change

*Indicators for assessing influenza activity include: lab-confirmed tests, ILI percent, and hospitalizations.

Virologic Surveillance

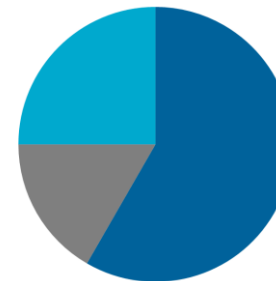
Influenza Type	Season Totals To Date				
	This Week	2018-19	2017-18	2016-17	5 season average
No. (%)					
Overall	12	28	112	16	60
Influenza A	12 (100)	26(92.9)	93(83.0)	13(81.3)	53(88.3)
A(H3)	3(25)	5(19.2)	24(25.8)	5(38.5)	16(30.2)
A(H1N1)	2(16.7)	8(30.8)	5(5.4)	--	17(32.1)
A(NS)*	7(58.3)	13(50)	64(68.8)	8(61.5)	20(37.7)
Influenza B	0	2(7.1)	19(17.0)	3(18.7)	7(11.7)
B (Victoria)	--	--	--	--	0
B (Yamagata)	--	--	4(21.1)	--	1(14.3)
B (LND)+	--	2(100)	15(78.9)	3(100)	6(85.7)

*NS - not subtyped

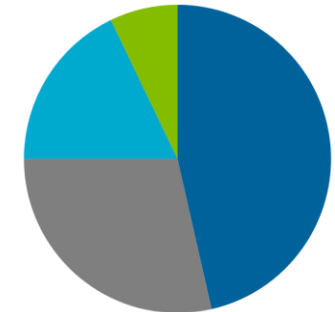
+LND - lineage not determined

Nationally, the influenza season begins with MMWR week 40 and ends with MMWR week 39. The 2018-19 influenza season began on September 30, 2018 and will end on September 28, 2019.

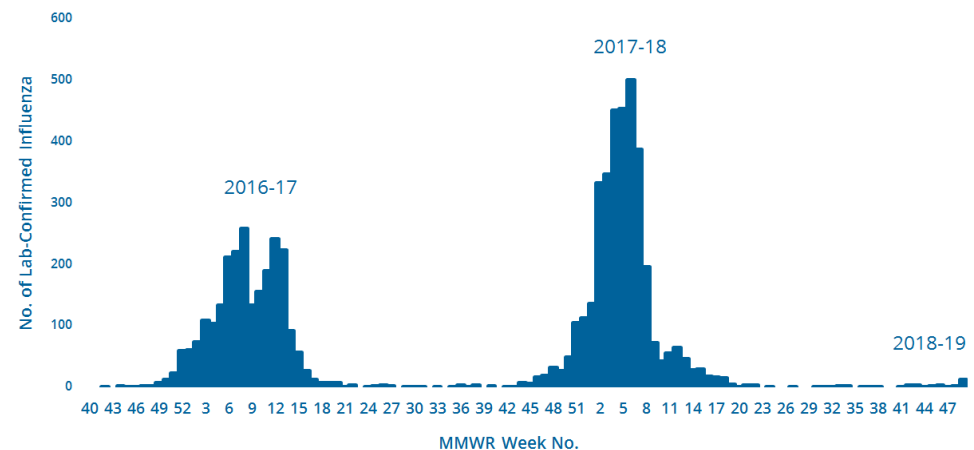
Week ending 12/8



Cumulative



■ A not subtyped ■ A(H1N1) ■ A (H3) ■ B (lineage not determined) ■ B (YAM) ■ B (VIC)



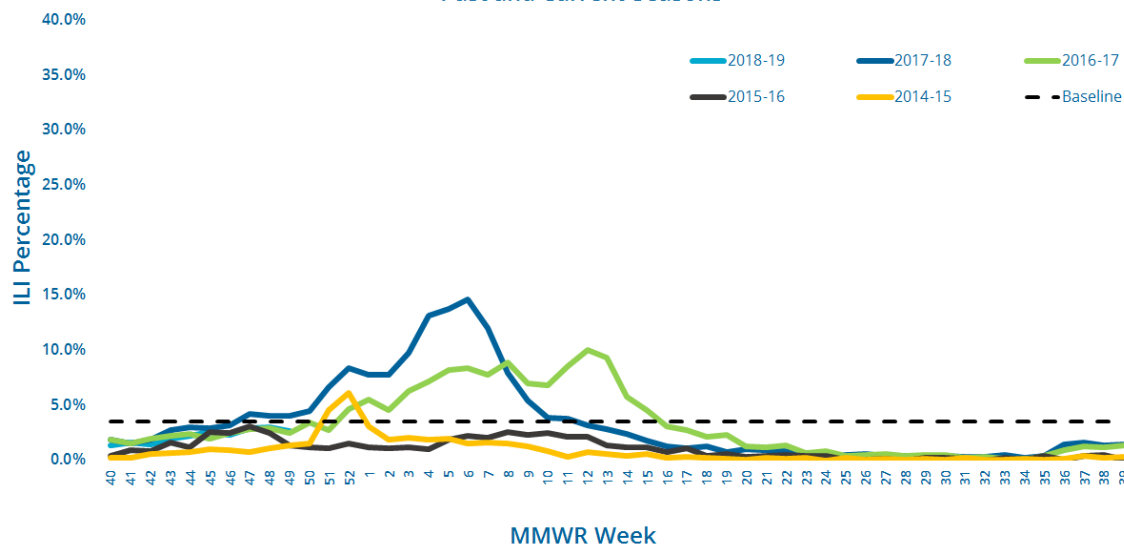
Influenza-Like Illness Surveillance

This week, the ILI activity level was **low** and **2.66%** of patient visits to SC ILINet providers was attributed to an influenza-like illness. This is **below** the state baseline, **3.53%**.

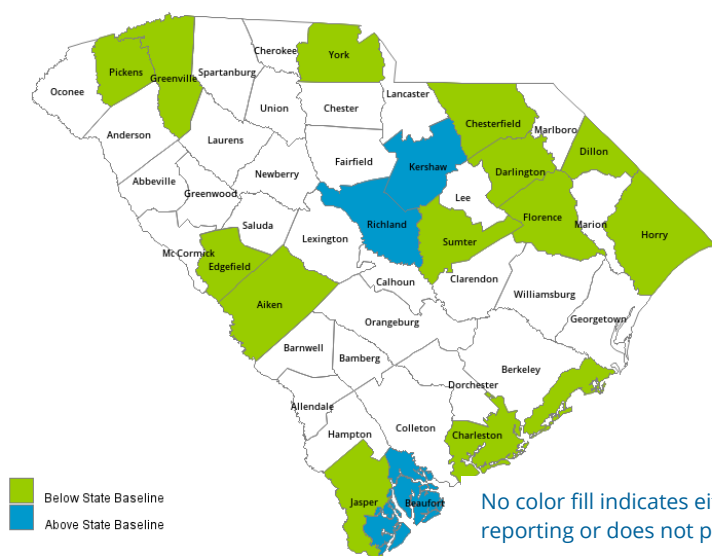
Reports were received from providers in 16 counties, representing all DHEC Public Health regions.

ILI percentage is dependent upon the number of reporting providers and/or can vary by disease activity or the number of providers submitting reports.

Percentage of Influenza-like Illness (ILI) Visits Reported by Sentinel Providers for Past and Current Seasons



County ILI Percent



State ILI Activity Level 2018-19 Calendar by Week of the Year

OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
40	44	48	1	5	9	14	18	22	27	31	36
41	45	49	2	6	10	15	19	23	28	32	37
42	46	50	3	7	11	16	20	24	29	33	38
43	47	51	4	8	12	17	21	25	30	34	39
		52			13			26		35	

ILI ACTIVITY LEVELS: MINIMAL LOW MODERATE HIGH

Influenza-Associated Hospitalizations And Deaths

Hospitalizations No. (Rate)	Overall	Ages 0-4	Ages 5-17	Ages 18-49	Ages 50-64	Ages 65+
This Week	16(0.3)	3(1.0)	--	4(0.2)	4(0.4)	14(0.6)
2018-19	142(2.8)	9(3.0)	5(0.6)	27(1.3)	37(3.7)	65(7.5)
2017-18	192(3.8)	9(3.0)	10(1.2)	20(0.9)	41(4.1)	112(12.9)
2016-17	74(1.5)	2(0.7)	1(0.1)	11(0.5)	23(2.3)	37(4.5)
5 season average	190(3.9)	18(6.1)	12(1.5)	35(1.7)	48(4.9)	77(9.7)

Deaths No. (Rate)	Overall	Ages 0-4	Ages 5-17	Ages 18-49	Ages 50-64	Ages 65+
This Week	0	--	--	--	--	--
2018-19	7(0.1)	1(0.3)	--	1(0.0)	1(0.1)	4(0.5)
2017-18	10(0.2)	--	--	--	1(0.1)	9(1.0)
2016-17	3(0.1)	--	--	1(0.0)	--	2(0.2)
5 season average	7(0.1)	0	0	1(0.0)	2(0.2)	4(0.5)

Influenza-Associated Deaths by Region

